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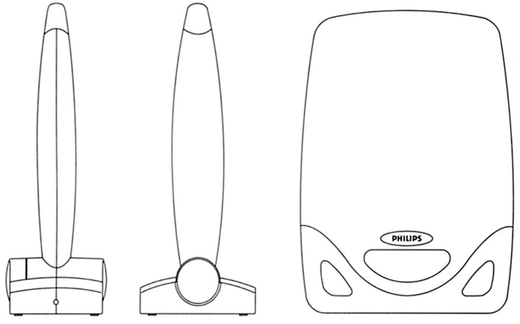
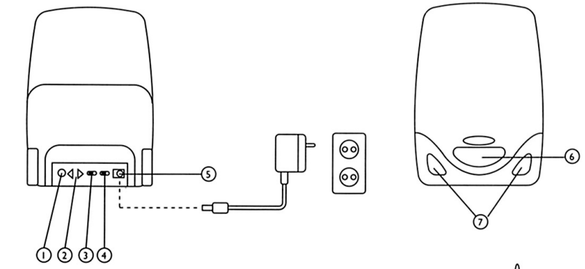
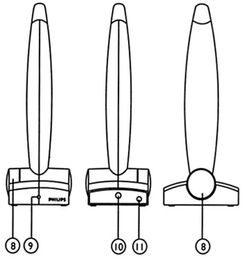


PHILIPS
SBC BC730

Explanation of Controls — SBC BC730





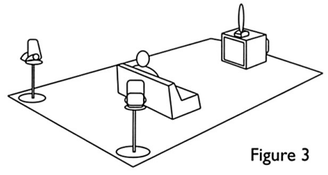


Figure 3

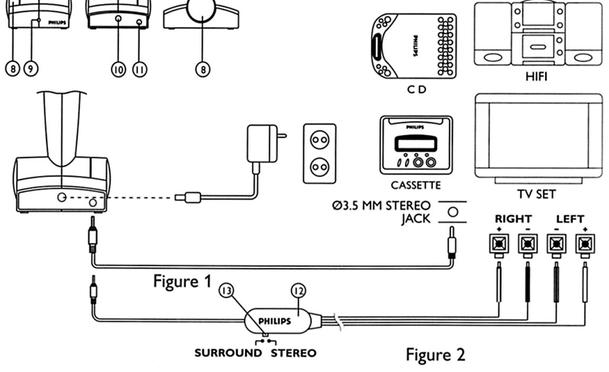


Figure 1

Figure 2

GB English — SBC BC730

Instruction for use

1. Introduction

Congratulations! You have just bought a most sophisticated RF/FM wireless stereo sound system. This system uses the latest RF/FM wireless technology, which gives you complete freedom of movement while enjoying your own favorite music. No more inconvenience from cables. To ensure you get the best performance of your RF/FM stereo sound system, please read this document carefully.

2. Features

- **Wireless transmission** - the FM transmitter transmits the stereo audio signal from your audio or video source to your FM headphone (receiver) without wires.
- **Wide transmission range** - the FM speaker (receiver) receives signals from up to 100 meter away from the FM transmitter.
- **High-frequency radio system** - the FM speaker set uses a high radio frequency as the signal carrier, ensuring a very clear, sharp reception.
- **Automatic Level Control (ALC)** - prevents overload of transmitter over a wide level of input signal.
- **Automatic power On/Off speaker**- the speaker will automatically switches on when there is signal transmitted. When there is no signal the speaker will switch to standby.
- **Automatic power On/Off transmitter**- the FM transmitter automatically switches on and starts transmitting when signals are sensed at the input (indicated by a red LED). When there are no signals at the input, the FM transmitter automatically switches off.
- **No space limitation** - the FM speaker (receiver) is able to receive signals from the transmitter, even through barriers such as doors, walls and glasses.
- **Multiple headphones / speakers with one transmitter** - additional number of headphones and/or wireless speakers can be used with a single transmitter.
- **Infra red volume control**
- **Built-in 80 Watt amplifier**
- **Double Bass reflex system**

3. Components included

In this FM speaker set the following components are included :

- 2 X FM receiver (speaker) SBC BC735
- 2 X AC/DC adaptor 12V/1A
- 1 X FM transmitter SBC HC552
- 1 X AC/DC adaptor 12V/200mA
- HiFi audio cable
- FM surround sound box SBC BC711
- 3.5mm to 6.3mm stereo adaptor

4. Explanation of Controls

Receiver

1. Tunning control
2. Volume control Buttons
3. L - L+R - R switch
4. Power On/Off
5. AC/DC adaptor input
6. IR sensor for volume control
7. Bass reflex ports

Transmitter

8. Tuning control knob
9. Power On/Off indication
10. DC input connector to power the FM transmitter
11. Input 3.5mm stereo connector, for input of audio signal
12. FM surround sound box
13. Stereo surround switch

GB English — SBC BC730

5. Installation

- SBC BC735 powered by AC/DC adaptor. Insert the AC/DC adaptor into a standard mains power wall outlet. The voltage mentioned on the rating label of the AC/DC adaptor should be in line with the voltage of the wall outlet.
- Insert the DC connector of the AC/DC adaptor into the 12V DC/1A input connector located on the rear of FM speaker (5).
- Insert the DC connector of the AC/DC adaptor into the 12V DC/200mA input connector located on the rear of FM transmitter (10).
- Connect the audio source (CD player, TV, HiFi) to the RF/FM transmitter with the Hifi audio cables as shown in fig.1.
- If you want to create surround sound on the Hifi & TV set, connect the stereo surround switch box attenuator to the FM transmitter as shown in fig.2.

Note: Connect the attenuator to the speaker output, depending on your TV hardware configuration switch the box to Surround or Stereo mode. In case no sound is heard, check the connections or use the switch to change the mode.

- For surround sound applications of the FM speaker position as shown in fig.3.

6. Operation

- Switch on the RF/FM speaker.
- Apply an audio signal to the transmitter (using an audio source such as CD player, TV, or HiFi).
- Tune the tuning control on the speaker until signal (audio sound) is at its clearest.
- Adjust the volume of the audio source to the highest acceptable undistorted level.
- Speaker volume can be controlled by any infra red remote control. Press any button on your remote control for few seconds, the volume will go up or down. The volume will change in the other direction when released for one second and pressed again.
- Press the volume "+" button to increase the volume & "-" button to decrease the volume when using the volume control on the speaker.
- Switch the "L+R- L - R" switch to "L+R" to listen to one speaker in mono only.
- Switch the "L+R - L - R" switch to "L" or "R" to listen to two or more speakers in stereo. "L" indicates that the speaker is set to stereo mode, and receives the Left channel. "R" indicates that the speaker is set to stereo mode, and receives the Right channel.

Note : There is more audible noise from the speaker in stereo mode compared to mono operation; this is not due to your speaker, but due to the FM stereo principle.

7. Specifications

System	: Radio Frequency (RF)
Carrier frequency	: Tunable 433.2 to 434.7 MHz
Modulation	: Frequency Modulation (FM)
Peak music power output	: 80 Watt
Effective transmission range	: 60-100 meter, omni directional (360°)
Power supply - speaker	: 12V/1A DC
Power supply - transmitter	: 12V/200mA DC
Frequency range	: 60 ~ 20,000 Hz
Signal / Noise ratio	: > 50 dB
Distortion	: < 5% THD
Channel separation	: > 30 dB

8. Precautions

- This speaker system works only on a 12V DC supply.
- Do not leave the speakers near heat sources. Do not expose to direct sunlight, excessive dust, moisture, rain or any kind of mechanical shock.
- Do not use alcohol, thinner or petroleum-based substances to clean the speakers.
- Keep the speakers away from TV or credit cards using magnetic coding to prevent any damage caused by the speakers' magnets.

Note: Your FM transmitter has an automatic power On/Off switch, switched by a source (input) audio signal. If the transmitter does not switch on, or if it sometimes switches off after a while, increase the output volume of your audio source until the transmitter switches on. It may be that the volume of your audio source has been set below the thresold sensitivity of the FM transmitter's automatic power On/Off switch.